

Notice of Allowability

Application No.

09/886,188

Examiner

Bharat N Barot

Applicant(s)

KISTLER ET AL.

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed on 06/21/2001.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☒ The drawings filed on 21 June 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Bharat Barot

**BHARAT BAROT
PRIMARY EXAMINER**

(703)305-4092 10/15/2004

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. The application has been amended as follows:

In the Claims

- (A) Claim 1 line 5 "transaction" has been replaced with **--transactions--**.
- (B) Claim 3 line 2 "transaction" has been replaced with **--transactions--**.
- (C) Claim 7 lines 10, 11, and 12 "transaction" has been replaced with **--transactions--**.
- (D) Claim 12 line 2 "transaction" has been replaced with **--transactions--**.

REASONS FOR ALLOWANCE

3. The following is an Examiner's Statement of Reasons for Allowance:

Claims 1-20 are allowable over the prior art of record.

The examiner has found that the prior art of record shows similar limitations but not in the same scope, arrangement, or combination of

a server appliance connected to a network, including an operating system configured to direct console transactions issued by the server appliance (application program which is element of the server appliance) to a serial port and a network interface card (snooping unit which is element of the network interface care) configured to capture console transactions directed through the serial port, modify the captured

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transactions according to a network protocol, and transmit the modified transactions over the network at set forth in the independent claims 1 and 7; and

a console server connected to the network, including a network interface card configured to receive the modified transactions over the network, an emulator including a network portion configured to process network protocol information of the modified transactions and a serial portion configured to interpret the console transactions contained in the modified transaction, and console devices including a keyboard, mouse, and display terminal configured to communicate console transactions with the emulator at set forth in the independent claims 7 and 17.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

ADDITIONAL REFERENCES

5. The examiner as of general interest cites the following references.
- a. Underwood, U.S. Patent No. 6,704,873.
 - b. Arimilli et al, U.S. Patent No. 6,519,649.
 - c. Kailamaki et al, U.S. Patent Application Publication No. 2002/0146018.
 - d. Agarwal et al, U.S. Patent No. 5,958,010.
 - e. Choquier et al, U.S. Patent No. 5,951,694.

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CONTACT INFORMATION

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bharat Barot whose telephone number is (703) 305-4092. The examiner can normally be reached on Monday-Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alam, Hosain, can be reached at (703) 308-6662. A central official fax number is (703) 872-9306.

Any inquiry of general nature or relating to the status of this application should be directed to the group receptionist whose telephone number is (703) 305-3900.



**BHARAT BAROT
PRIMARY EXAMINER**

Patent Examiner Bharat Barot

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October 15, 2004